TABLE 5 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT NEW AFFECTED SOURCES PRODUCING THE LISTED THERMOPLASTICS

Thermoplastic	Chemical [a]	Vessel capacity (cubic meters)	Vapor pressure [b] (kilopascals)
ASA/AMSAN [c]	Styrene/ acrylonitrile mixture	≥ 3.78	≥ 0.47
	Acrylonitrile	≥ 75.7	≥ 1.62
SAN, continuous [d]	All chemicals	≥ 2,271	≥ 0.5 and < 0.7
		< 151	≥ 10
		≥ 151	≥ 0.7
Nitrile [c]	Acrylonitrile	≥ 13.25	≥ 1.8
Polystyrene, continuous processes	All chemicals	≥ 19.6 and <45.4	≥ 7.48
		≥ 45.4 and <109.8	≥ 0.61
		≥ 109.8	≥ 0.53
ABS, continuous mass	Styrene	≥ 45.43	≥ 0.078
	All other chemicals	≥ 38 and < 45.43	≥ 13.1
		≥ 45.43	≥ 0.53

[a] Vessel capacity and vapor pressure criteria are specific to the listed chemical, to "all chemicals," or to "all other chemicals," as indicated.
[b] Maximum true vapor pressure of total organic HAP at storage temperature.
[c] The applicability criteria in Table 4 of this subpart shall be used for chemicals not specifically listed in this table (i.e., Table 5).
[d] The control level for the first two sets of applicability criteria are specified in 63.1314 as 90% and 98%, respectively. The control level for the third set of applicability criteria is the HON control level of 95%.

[64 FR 11553, Mar. 9, 1999]

TABLE 6 TO SUBPART JJJ OF PART 63—KNOWN ORGANIC HAP EMITTED FROM THE PRODUCTION OF THERMOPLASTIC PRODUCTS

Thermoplastic product/Subcategory	Organic HAP/chemical name (CAS No.)							
	Acetaldehyde (75–07–0)	Acrylonitrile (107–13–1)	1,3 Butadiene (106–99–0)	1,4-Dioxane (123–91–1)	Ethylene Glycol (107–21–1)	Methanol (67–56–1)	Methyl methacrylate (80–62–6)	Styrene (100–42–5)
ABS latex		✔	✔					✔
ABS using a batch emulsion process		✔	✔					✔
ABS using a batch suspension process		✔	✔					✔
ABS using a continuous emulsion process		✔	✔					✔
ABS using a continuous mass process		✔	✔					✔
ASA/AMSAN		✔						✔
EPS								✔
MABS		✔	✔					✔
MBS			✔				✔	✔
Nitrile resin		✔						
PET using a batch dimethyl terephthalate process	✔			✔	✔	✔		
PET using a batch terephthalic acid process	✔			✔	✔			
PET using a continuous dimethyl terephthalate process	✔			✔	✔	✔		
PET using a continuous terephthalic acid process	✔			✔	✔			
PET using a continuous terephthalic acid high viscosity multiple end finisher process	✔			✔	✔			

Thermoplastic product/Subcategory	Organic HAP/chemical name (CAS No.)							
	Acetaldehyde (75–07–0)	Acrylonitrile (107–13–1)	1,3 Butadiene (106–99–0)	1,4-Dioxane (123–91–1)	Ethylene Glycol (107–21–1)	Methanol (67–56–1)	Methyl methacrylate (80–62–6)	Styrene (100–42–5)
Polystyrene resin using a batch process								✔
Polystyrene resin using a continuous process								✔
SAN using a batch process		✔						✔
SAN using a continuous process		✔						✔

CAS No. = Chemical Abstract Service Number.
ABS = Acrylonitrile butadiene styrene resin.
ASA/AMSAN = Acrylonitrile styrene resin/alpha methyl styrene acrylonitrile resin.
EPS = expandable polystyrene resin.
MABS = methyl methacrylate acrylonitrile butadiene styrene resin.
PET = poly(ethylene terephthalate) resin.
SAN = styrene acrylonitrile resin.
MBS = methyl methacrylate butadiene styrene resin.

[66 FR 36942, July 16, 2001]

TABLE 7 TO SUBPART JJJ OF PART 63—GROUP 1 BATCH PROCESS VENTS AND AGGREGATE BATCH VENT STREAMS—MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

Control device	Parameters to be monitored	Recordkeeping and reporting requirements for monitored parameters
Thermal incinerator	Firebox temperature [a]	1. Continuous records as specified in §63.1326(e)(1). [b] 2. Record and report the average firebox temperature measured during the performance test—NCS. [c] 3. Record the batch cycle daily average firebox temperature as specified in §63.1326(e)(2). 4. Report all batch cycle daily average temperatures that are below the minimum operating value established in the NCS or operating permit and all instances when monitoring data are not collected—PR. [d,e]
Catalytic incinerator	Temperature upstream and downstream of the catalyst bed.	1. Continuous records as specified in §63.1326(e)(1). [b] 2. Record and report the average upstream and bed downstream temperatures and the average temperature difference across the catalyst bed measured during the performance test—NCS. [c] 3. Record the batch cycle daily average upstream temperature and temperature difference across catalyst bed as specified in §63.1326(e)(2). 4. Report all batch cycle daily average upstream temperatures that are below the minimum upstream value established in the NCS or operating permit—PR. [d,e] 5. Report all batch cycle daily average temperature differences across the catalyst bed that are below the minimum difference established in the NCS or operating permit—PR. [d,e] 6. Report all instances when monitoring data are not collected. [e]